

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	533	(280/259).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/24 12:45
L3	4	"2003072666"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/24 12:50
S1	453	(74/47).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 11:11
S2	550	(74/594.2).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 11:12
S3	713	(74/594.1).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 11:13
S4	46	(crank).ti. and bicycle and (fiber) and mold\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 11:14
S5	2	"4811626".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 11:21
S6	0	"200351573"	US-PGPUB	OR	ON	2009/09/21 11:21

S7	0	"2003051573"	US-PGPUB	OR	ON	2009/09/21 11:21
S8	1	"20030051573"	US-PGPUB	OR	ON	2009/09/21 11:21
S9	187	((method or process) and crank and bicycle).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 11:26
S10	533	(280/259).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 12:09
S11	4	S10 and fiber and mold\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 12:09
S12	295	(yasuhisa near masuda) or (kenichi near yoshioka) or (tetsu near nonoshita) or (takuji near kishita)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 12:16
S13	4	"2003072666"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 12:28
S14	11	("20030051573"   "20030066383"   "20050011304"   "20060101940"   "20070095164"   "20080224440"   "2350468"   "4811626"   "6508146"   "7263914"). PN. OR ("7527277"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/21 12:38
S15	7	("2350468").URPN.	USPAT	OR	ON	2009/09/21 12:39

S16	16	("3110227"   "3592103"   "4465221"   "4602732"   "4811626"   "5094383"   "5197353"   "5495977"   "5720833"   "5819599"   "5819600"   "5845543"   "5893299"   "5904072"). PN. OR ("6059171"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/21 12:49
S17	4	S16 and (plastic or fiber or polymer)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/21 12:50
S18	21	("0594047"   "3789696"   "3922929"   "4807491"   "5161430").PN. OR ("5609070").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/21 12:53
S19	0	S18 and coat	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/21 12:53
S20	0	S18 and coat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/21 12:54
S21	7	("2350468").URPN.	USPAT	OR	ON	2009/09/21 13:57
S22	46	("0385717"   "0626630"   "0628173"   "2350468"). PN. OR ("4811626"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/21 14:34
S23	12	(crank).ti. and bicycle and (fiber) and mold\$3 and unidirection\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 15:34
S24	3	(crank).ti. and bicycle and (fiber) and mold\$3 and (aluminum with fiber with insert)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 17:18
S25	3	(crank).ti. and bicycle and mold\$3 and (aluminum with fiber with insert)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 17:24
S26	0	(crank).ti. and bicycle and mold\$3 and (aluminum with fiber with screw)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 17:25

S27	10	(crank).ti. and bicycle and mold\$3 and (aluminum with fiber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 17:30
S28	54	(bicycle).ti. and crank and mold\$3 and (aluminum with fiber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 17:43
S29	0	(crank).ti. and bicycle and mold\$3 and (aluminum with fiber with seat)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 17:46
S30	8	(bicycle).ti. and mold\$3 and (aluminum with fiber with seat)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 17:47
S31	0	("2004/0182197").URPN.	USPAT	OR	ON	2009/09/21 17:49
S32	0	(10/389937).APP.	USPAT; USOCR	OR	ON	2009/09/21 17:49
S33	11	("20010049976"   "4183261"   "4811626"   "5435869"   "5690034"   "5851459"   "5941135"   "6058803"   "6314834"   "6443033").PN. OR ("6564675").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/21 18:00
S34	20	("20010049976"   "20030019324"   "20030019325"   "20030037638"   "20030066383"   "4811626"   "5493937"   "5632940"   "5941135"   "6079294"   "6145184"   "6202506"   "6305243"   "6314834"   "6353992"   "6443033"   "6508146"   "6543308"   "6564675"). PN. OR ("7263914"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/21 18:02

S35	15	("3362252"   "4183261"   "4300410"   "4414860"   "4665834"   "4841801"). PN. OR ("5690034"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/21 18:06
S36	4	(crank).ti. and bicycle and oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 11:50
S37	1	(crank).ti. and bicycle and (oxide with (layer or skin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 11:51
S38	10	(crank).ti. and (oxide with (layer or skin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 11:51
S39	879	(bearing).ti. and (oxide with (layer or skin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 11:52
S40	1	(bearing).ti. and bicycle and (oxide with (layer or skin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 11:52
S41	2	"6979129".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 11:55
S42	1118	(bearing same (oxide with (layer or skin)) same aluminum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 11:56
S43	3	(bearing same (oxide with (layer or skin)) same aluminum) and bicycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 11:57

S44	331	((oxide with (layer or skin)) same aluminum) and bicycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 12:00
S45	0	((oxide with (layer or skin)) same aluminum same bushing) and bicycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 12:03
S46	3	((oxide with (layer or skin)) same aluminum same insert) and bicycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 12:03
S47	1	"2003288331"	JPO	OR	ON	2009/09/23 12:06
S48	0	"20030288331"	JPO	OR	ON	2009/09/23 12:06
S49	1	jp-2003288331-\$.did.	JPO	OR	ON	2009/09/23 12:06
S50	0	jp-20030288331-\$.did.	JPO	OR	ON	2009/09/23 12:06
S51	56	(bicycle).ti. and (insert near member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 12:13
S52	9	(bicycle and crank).ti. and (insert near member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 12:13
S53	1	bicycle and crank and (insert near member) and (aluminum same (oxide with (layer or skin)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 12:14
S54	28306	(aluminum) and (fiber) and (oxide with (skin or layer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 12:16

S55	273	(aluminum) and (fiber) and (oxide with (skin or layer)) and bicycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 12:17
S56	8	(aluminum) and (fiber) and (oxide with (skin or layer)) and bicycle and crank	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 12:23
S57	7	(bicycle and crank).ti. and ((insert near member) with fiber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 12:44
S58	1	(bicycle and crank).ti. and ((insert near member) same fiber same aluminum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 12:44
S59	40	(bicycle and crank).ti. and (fiber same aluminum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 12:44
S60	283	bicycle and crank and (fiber same aluminum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 12:44
S61	24	bicycle and crank and (fiber same aluminum same ((insert near member) or sleeve or bearing or bushing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 12:45
S62	52	bicycle and crank and (fiber same aluminum same ((insert near member) or sleeve or bearing or bushing or insert))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 12:47

S63	197	bicycle and crank and (fiber same ((insert near member) or sleeve or bearing or bushing or insert))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 12:54
S64	1	bicycle and crank and ((combination with fiber with aluminum) same ((insert near member) or sleeve or bearing or bushing or insert))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 13:08
S65	24	bicycle and crank and ((combination with fiber with aluminum))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 13:09
S66	2	bicycle and crank and ((fatigue with strength) same ((insert near member) or sleeve or bearing or bushing or insert))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 13:15
S67	3	S65 and fatigue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 13:16
S68	21	S65 and strength	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 13:16
S69	1	bicycle and crank and ((combination with fiber with aluminum)) and (fatigue with strength)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 13:44
S70	3	bicycle and crank and ((combination with fiber with aluminum)) and (fatigue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 13:44



S71	2	"5632940".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 17:50
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**EAST Search History (Interference)**

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